

## Puu Makaala

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Island: Hawaii  
Size: 12,106 acres  
Elevational range: 3,000 - 5,518 feet  
Year established: 1981  
Date surveyed: February 1988  
Description: The wet koa and 'ohi'a forests of this reserve on the northeast flank of Mauna Loa are important habitat for some of Hawaii's rarest birds, as well as several rare plants. A montane wet grassland occurs in the poorly drained portions of the reserve.  
Natural Communities: 3 total, none rare

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3	<i>Carex alligata</i> Montane Wet Grassland
3	Koa/'Ohi'a Montane Wet Forest
3	'Ohi'a/Hapu'u Montane Wet Forest

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Native Plants: 176 total taxa, 21 rare

Native Animals: 9 total taxa, 4 rare

Management Highlights: Feral pig control is the highest management priority. Barrier fences are recommended to create five management units. Staff hunting and snaring within certain units will be needed and continued public hunting outside those units is essential. Maintenance of the fences and monitoring pig control is proposed. Also recommended is removal and monitoring of weeds targeted for control. These priority weeds include yellow Himalayan raspberry, blackberry, Clidemia, and firebush. Public education and a volunteer program are also recommended.